

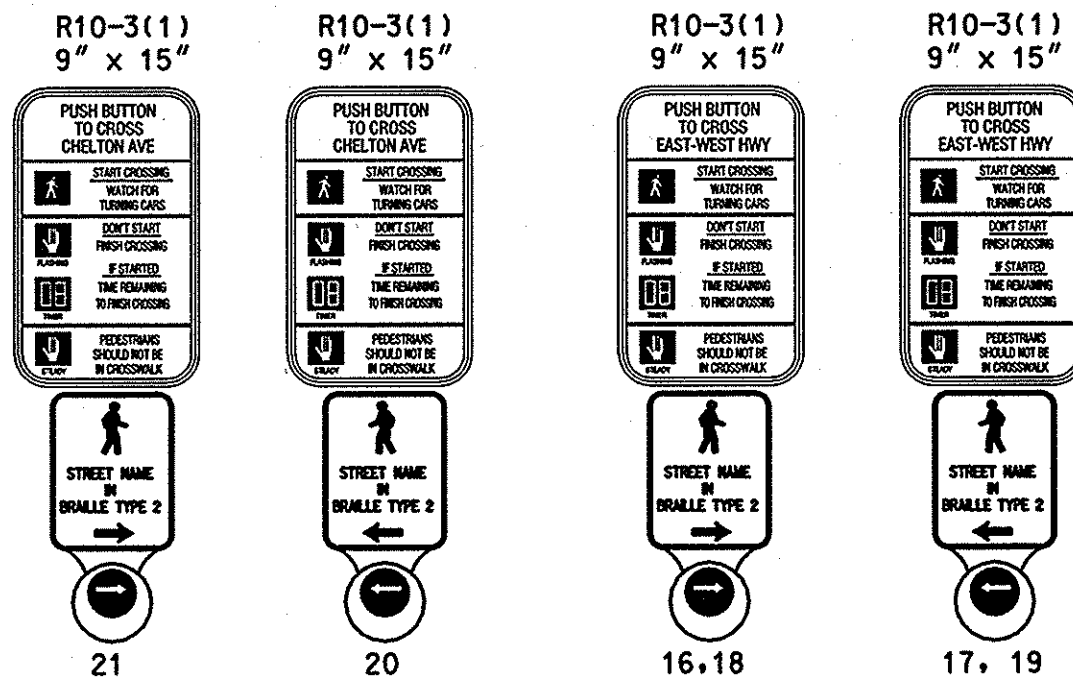
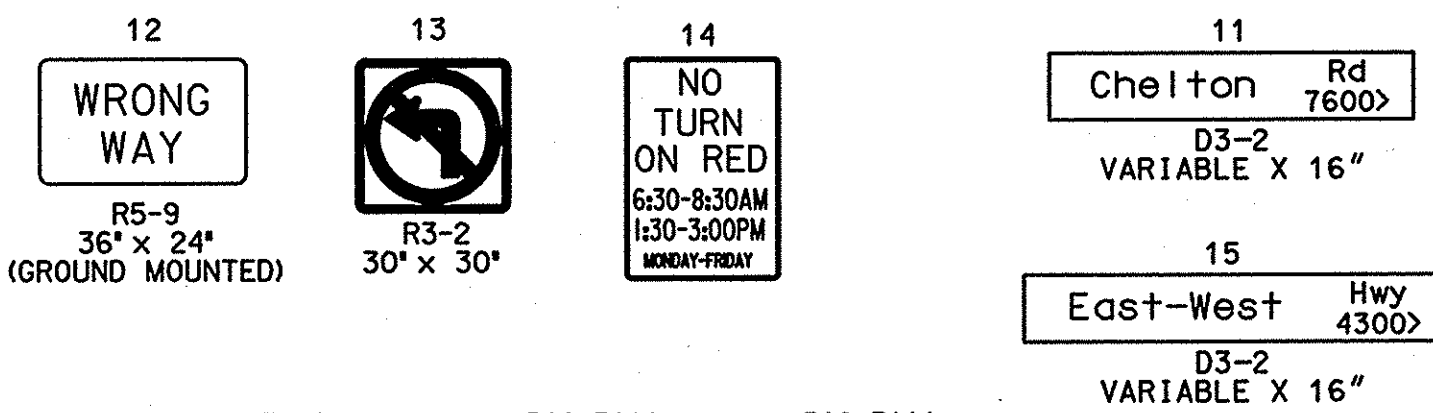
DRILL HOLES

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BORDER REV. DATE: June 1, 2004

PROPOSED SIGNS

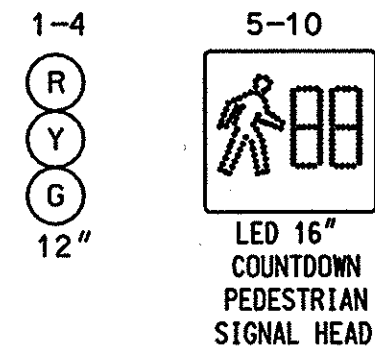


CHELTON AVE

MD 410 (EAST-WEST HWY.)

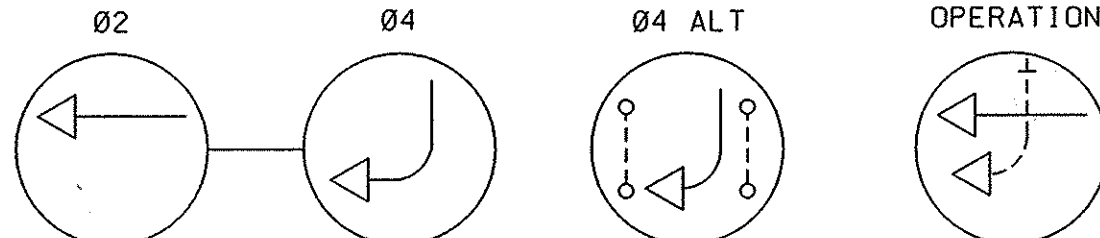
RIGHT OF WAY LINE

PROPOSED SIGNALS

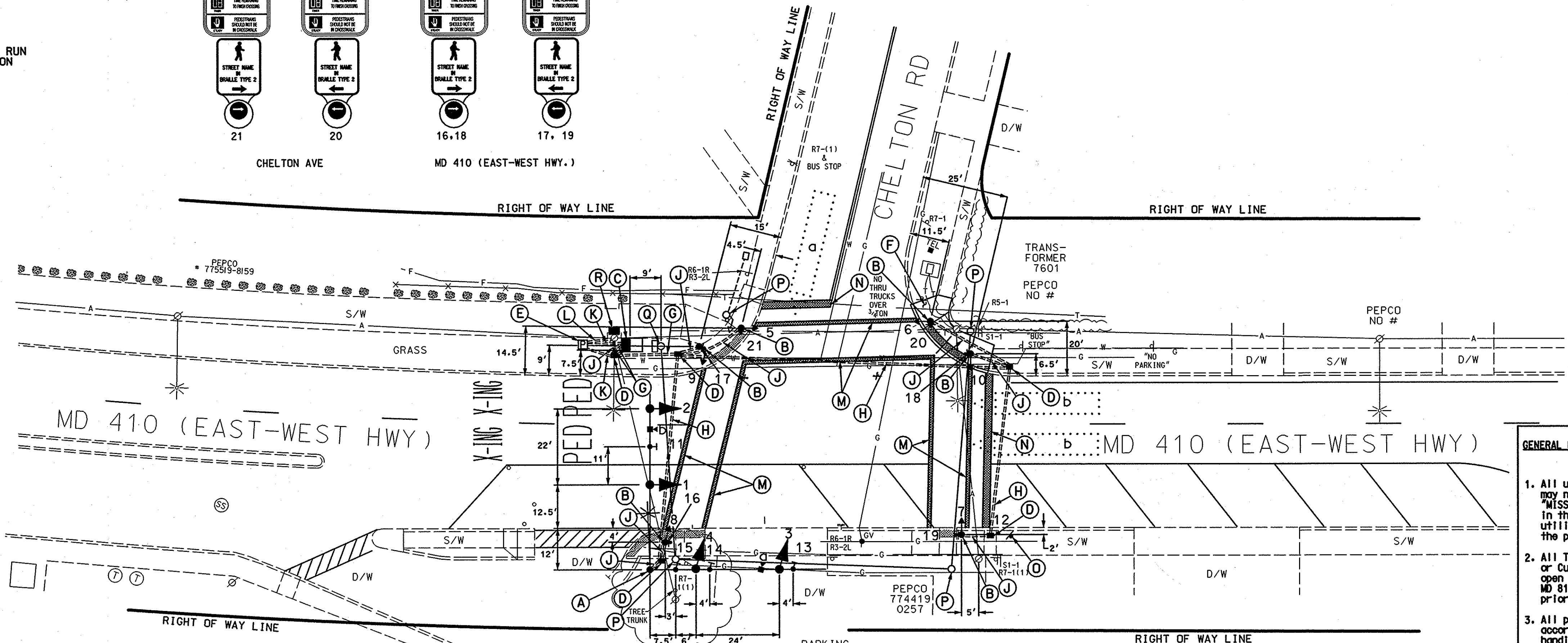


VIDEO DETECTION CAMERA (a)

NEMA PHASING



PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- Install 15' steel pole with a special 15' "T" dimension with twin 50'/50' mast arms, traffic signal 15' lighting arm, 250 watt HPS luminaire, signs and video detection camera as shown. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
- Install 10' breakaway pedestal pole with countdown pedestrian signal head and APS pushbutton with pedestrian education sign. (Note: 1-3" 90° polyvinyl chloride (Schedule 80) bend.)
- Install NEMA size "6" base-mounted cabinet and controller with video interface, 2-wire Control unit and all necessary equipment as shown.
- Install handhole.
- Install metered pedestal.
- Install proposed parallel handicap ramp (STD. No. MD 655.12) 15' flat area, with detectable warning surface (STD. No. MD 655.40) as shown.
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 4" polyvinyl chloride electrical conduit (Schedule 80) (slotted).
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) with 50' of 3-wire 1 conductor (No. 250 KCMIL) for proposed underground electrical power service by PEPCO to base of utility pole.
- Install 12" white heat applied preformed thermoplastic pavement marking. (Crosswalk) (Note: Contractor shall remove any existing marking.)
- Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline). (Note: Contractor shall remove any existing marking.)
- Install proposed ground mounted sign on 4"x4" wood posts.
- Remove existing steel pole, foundation 12" below grade and all attached equipment.
- Remove existing steel pole with pole mounted cabinet and foundation 12" below grade and all attached equipment. (Note: Montgomery County shall remove controller and auxiliary equipment).
- Install 4" PVC riser and splice cabinet, for interconnect cable onto existing utility pole. (Note: Montgomery County shall supply cabinet and shall make final connections in splice cabinet. Contact Keith Lord (301) 674-8965.)

ADDENDUM 1: DATE: 10-16-02

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
CABLE TV	---

REVISION "C"

STREET TRAFFIC STUDIES, LTD.

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Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

5136c.dgn T-24

APPROVALS	
TEAM LEADER	
ASST. DIV.	
DIVISION CHIEF	
OFFICE DIRECTOR	

REVISIONS	
1	RECONSTRUCT TRAFFIC SIGNAL, ADD APS & OPS
2	PEDESTRIAN SIGNALS FOR CROSSWALK ON WEST LEG OF MD 410
3	ADDED "NO TURN ON RED" SIGN

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 410 (EAST-WEST HIGHWAY)
AND CHELTON ROAD

TRAFFIC SIGNAL PLAN

SCALE 1"=20' DATE APRIL 18, 1971 CONTRACT NO.

DESIGNED BY COUNTY MONTGOMERY
DRAWN BY R. CHAMAN LOGMILE 15041000.35
CHECKED BY R.W. TMS NO. H162
F.A.P. NO. AC-STPG-000A(24)E TOD NO.

TS NO. 53C DRAWING NO. 1 OF 3 SHEET NO. 1 OF 42